

IV High-Frequency Internal Vibrators

The IV high-frequency internal vibrators are designed for professional concrete compaction. They work with frequency and voltage converters (200 Hz and 48 or 250 volts, according to the type).

The units of the IV series are powerful and retain their speed even during concrete compaction.

In addition to the standard range for conventional concrete compaction, Weber MT also offers special solutions, e.g., for the compaction of concrete floors or areas of low height. For these applications, the types IV 40 D to IV 58 D are available, including pistol hand grip, short 0.8 m protective hose and 15 m power cord.

The IV 31 with its diameter of only 31 mm is ideally suited for concrete compaction within a particularly narrow formwork or for construction steel meshes.



IV 58

Advantages of the IV high-frequency internal vibrators

- ▶ Sturdy and durable design due to encapsulated and thus vibration-proof stator windings (winding class H, short-term heat-resistant up to 180 °C).
- ▶ Thermo sensors reliably protect stator windings against „burning out“.
- ▶ Reduced wear due to hardened pokers
- ▶ Efficient ball bearings and special power cord for long service life
- ▶ Low maintenance and repair costs due to repairable pokers and available spare pokers

Available accessories

Vulkollan heads, spare pokers



Specifications

IV high-performance internal vibrators for connection to Weber MT frequency and voltage converters 48 V/200 Hz, complete with 5 m protective hose and 15 m power cord (10 m for IV 80)

Type		IV 31	IV 40	IV 50	IV 58	IV 68	IV 80
Vibrator diameter	mm	31	40	50	58	68	80
Vibrator length	mm	330	330	370	420	450	480
Rated output	W	750	550	850	1,050	1,450	1,700
Input amperage	A	10.0	8.0	15.0	16.0	22.0	26.0
Voltage	V	48	48	48	48	48	48
Weight complete	kg	9.5	10	13.5	15	17	32

Subject to technical modifications

IV high-performance internal vibrators for connection to Weber MT frequency and voltage converters 250 V/200 Hz, complete with 5 m protective hose and 15 m power cord

Type		IV 40 S	IV 50 S	IV 58 S
Vibrator diameter	mm	40	50	58
Vibrator length	mm	330	370	420
Rated output	W	650	850	1,050
Input amperage	A	1.8	2.8	3.0
Voltage	V	250	250	250
Weight complete	kg	9.5	13.5	15

Subject to technical modifications



IV 40 S

IV floor vibrators for connection to Weber MT frequency and voltage converters 48 V/200Hz, complete with 0.8 m protective hose and 15 m power cord

Typ		IV 40 D	IV 50 D	IV 58 D
Vibrator diameter	mm	40	50	58
Vibrator length	mm	330	370	420
Rated output	W	550	850	1,050
Input amperage	A	8.0	15.0	16.0
Voltage	V	48	48	48
Weight complete	kg	7.5	9.5	11

Subject to technical modifications



IV 58 D